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TM-892/004/00

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TECHNICAL MEMORANDUM

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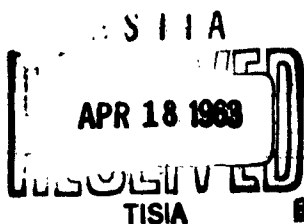
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Information for COP Users	SYSTEM
088 Card Read and 523 Card Punch Capability	DEVELOPMENT
By	CORPORATION
W. E. Taber	2500 COLORADO AVE.
25 March 1963	SANTA MONICA
Approved	CALIFORNIA
J. B. Munson	

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This document is one of a series of TM-892 volumes established to provide information concerning usage and/or operation of the COPII executive system.

088 Card Read and 523 Card Punch Compatibility

It has been found that the 088 card reader is not completely compatible with existing 1604 programs using the 533 card reader. If the reader is not manually cycled twice before the first card read operation as in the case of the 533, then a false card image is transmitted to core storage from the secondary read station. Since it is difficult to manually cycle the 088 card reader in a fashion similar to the 533, this is not a solution to the problem.

This problem can be solved by not cycling the 088 reader and having the card reader routine disregard the illegal image and initiate another read operation. At this time the first card would be properly positioned for normal operation.

Modes AD and AF of MTCII will ignore the illegal card image provided the first card of the deck is a function request. If a function, which requires data cards from the reader, is requested from the typewriter, then the illegal image will not be ignored. If, for some reason, a restart is required in the middle of a data deck, then the illegal card image will not be ignored. These potential problems can be avoided by proper operating procedures, i.e., always make function requests from the card reader and restart any functions which have associated data decks from the beginning. However, the incompatibility does exist and could cause a problem if ignored.

The 523 card punch is compatible with present 1604 programs.

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System Development Corporation,
Santa Monica, California
INFORMATION FOR COP USERS 088 CARD
READ AND 523 CARD PUNCH CAPABILITY.
Scientific rept., TM-892/002/00, by
W. E. Taber. 25 March 1963, 1p.
(Contract AF 19(628)-1648, Space
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Unclassified report

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